

Tennessee Pollution Prevention Partnership Success Story



Delta Faucet Co. of Tennessee
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Not Down the Drain

The Member

Delta Faucet Co. began production at its Jackson (Tenn.) facility in August of 1995. The operation started with one shift working fewer than 50 associates. The facility now employs over 750 associates operating three shifts and is recognized as a major employer in the Jackson-Madison County area. The Jackson facility reached milestones (internal production goals set for the facility) of one million and five million faucets produced within its first five years of production.

The Story

Delta Faucet Company produces plumbing fixtures in multiple decorative finishes. Some of these finishes include electroplating achieved through an in house process that is constituted of two main steps: pre-cleaning and plating. In 2006, the Delta Faucet environmental management team evaluated their facility aspects and impacts and set an ISO 14001 objective to reduce water consumption within the facility. As a means to reach this goal, Delta Faucet Co. examined their internal processes to determine "areas for improvement".

The Success

The Delta Faucet Co. environmental management team investigated several technically and financially feasible options before ultimately selecting the best option in terms of meeting their objectives and ease of implementation within the current operation. In 2006, Delta Faucet Co. installed an a "monitoring system" designed for their plating operation that detects the work load in the chrome plating process and adjusts the rinse water flow, accordingly. This system controls the rinse water flow to reduce or eliminate water usage when "work" is not present.

The Pollution Prevented

Delta Faucet Co. reduced the annual consumption of city water by more than 557,000 gallons of water in this one department. The Delta Faucet Co. environmental management team is fully committed to identifying and acting upon opportunities such as this in their continuous improvement philosophy for their facilities.

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